PTO/SB/21 (08-03) Approved for use through 08/30/2003, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Papenvork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/786,243 TRANSMITTAL Filing Date 02-24-2004 **FORM** First Named Inventor Tilton Art Unit (to be used for all correspondence after initial filing) 3752 **Examiner Name** Attorney Docket Number ISR-188 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Affidavits/declaration(s) Change of Correspondence Address Status Letter Other Enclosure(s) (please Extension of Time Request Terminal Disclaimer Identify below): Request for Refund **Express Abandonment Request** Information Disclosure Statement CD, Number of CD(s) Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Paul A. Knight Individual name Signature Date 02-08-2019

CERTIFICATE OF TRANSMISSION/MAILING prespondence is being facsimile transmitted to the USPTO or deposited with the Un

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents P.O. Roy 1450. Alexandria VA 22313-1450 on the date shown below.

FXPRS MALL

Paul A. Knight

Signature

Typed or printed name

ED270F74250N2 —

02-08-2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Docket No.: ISR-188

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Invention: Hotspot Coldplate Spray Cooling System Serial No.: 10/786,243)
Filed: 02/24/2004 Inventor: Tilton et al.))
Group Art Unit: 3752 Agent / Attorney: Paul A. Knight)

To: Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Please find included Form PTO/SB/08A listing documents for the Examiner to consider during examination of the above-stated patent application.

Respectfully submitted,

Paul A. Knight Registered Patent Agent 2218 North Molter Road

Liberty Lake, WA 99019

Telephone: (509) 232-3437

E-mail: pknight@spraycool.com

Date

02/08/2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Invention: Hotspot Coldplate Spray Cooling System)
Serial No.: 10/786,243)
Filed: 02/24/2004)
Inventor: Tilton et al.	j
Examiner: Unknown)
Group Art Unit: 3752	j
Agent / Attorney: Paul A. Knight	j
D 1 1 10D 100	•

Docket: ISR-188

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sirs:

With regard to the above identified application, pursuant to 37 C.F.R. §§ 1.56, the documents listed on the enclosed Form PTO/SB/08A are brought to the attention of the Examiner. No representation is made that these documents are analogous art or material to the patentability of the invention. In accordance with 37 C.F.R. § 1.104, no representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103. Moreover, no representation is made that the attached documents have been thoroughly reviewed or that any relevance of any portion of a document is intended.

The disclosure statement should not be construed as a representation that a search has been made or that other material information as defined by 37 C.F.R. § 1.56(a) exists. It is believed that this disclosure complies with the requirements of 37 C.F.R §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examination Procedures § 609. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned by called so that any deficiencies can be remedied.

Applicant reserves the right to present to the USPTO the relevant facts and law to support the listed documents are not "prior art" (e.g. pursuant to 37 C.F.R § 1.131 or otherwise), that the listed documents are not "material" to the patentability of the present invention and that the present invention is patentable over the listed documents.

A copy of each document is enclosed. Some of the documents may have markings; no significance is meant to be attached to the markings.

Consideration of the documents is respectfully requested. Pursuant to the provisions of MPEP 609, it is requested that the Examiner return a copy of the attached Form PTO/SB/08A, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Paul A. Knight (Reg. No. 53,144)

Paul A. 1/fA

Date

02/00/2005

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Substitute for form 1449/PTO

 Complete if Known

 Application Number
 10/786,243

 Filing Date
 02-24-2004

 First Named Inventor
 Tilton

 Art Unit
 3752

 Examiner Name
 N/A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3 Attorney Docket Number ISR-188

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (7 krown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Α	US- 6,667,548 B2	12-23-2003	O'Connor et al.	- Iguido i ippodi
	В	^{US-} 6,650,542 B1	11-18-2003	Chrysler et al.	
	С	^{US-} 6,604,370 B2	08-12-2003	Bash et al.	
	D	^{US-} 4,352,392	10-05-1982	Eastmam	
	E	^{US-} 6,580,610 B2	06-17-2003	Morris et al.	
	F	^{US-} 6,205,799 B1	03-27-2001	Patel et al.	
	G	^{US-} 5,718,117	02-17-1998	McDunn et al.	
	Н	^{US-} 6,612,120 B2	09-02-2003	Patel et al.	
	I	^{US-} 5,675,472	10-07-1997	McDunn et al.	
	J	^{US-} 5,924,482	06-20-1999	Edwards et al.	
	K	^{US-} 5,768,103	06-16-1998	Kobrinetz et al.	
	L	^{US-} 6,571,569 B1	06-03-2003	Rini et al.	
	М	^{US-} 5,247,426	09-21-1993	Hamburgen et al.	
	Ν	^{US-} 6,550,263 B2	04-22-2003	Patel et al.	
	0	^{US-} 6,349,554 B2	02-26-2002	Patel et al.	
	Р	^{US-} 5,959,351	09-28-1999	Sasaki et al.	
	Q	^{US-} 6,108,201	08-22-2000	Tilton et al.	
	R	^{US-} 5,183,104	02-02-1993	Novotny	
	S	^{US-} 5,220,804	06-22-1093	Tilton et al.	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵			
						 			
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			<u> </u>						

Examiner Signature	Date Considerer	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449/PTO

Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 3

Complete if Known					
Application Number	10/786,243				
Filing Date	02-24-2004				
First Named Inventor	Tilton				
Art Unit	3752				
Examiner Name	N/A				
Attorney Docket Number	ISR-188				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (7 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	T	^{US-} 5,719,444	02-17-1998	Tilton et al.	
	U	^{US-} 6,678,168 B2	01-13-2004	Kenny, Jr. et al.	
	V	^{US-} 5,263,536	11-23-1993	Hulburd et al.	
	W	^{US-} 5,901,037	05-04-1999	Hamilton et al.	
	Х	^{US-} 6,606,251 B1	08-12-2003	Kenny, Jr. et al.	
	Y	^{US-} 4,450,472	05-22-1984	Tuckerman et al.	
	Ζ	^{US-} 4,567,505	01-28-1996	Pease et al.	
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
	ļ	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵			
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Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				e required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
333				Application Number	10/786,243	
INF	ORMATION	DIS	SCLOSURE	Filing Date	02-24-2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Tilton	
	(Use as many she	ets as i	necesany)	Art Unit	3752	
	(ose as many sneeds as necessary)		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	ISR-188	

-		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A1	BASH et al, Inkjet Assisted Spray Cooling of Electronics, ASME IPACK03 - International Electronics Packaging Technical Conference and Exhibition, July 6-11,2003, Maui, Hawaii	
	A2	Tilton, Spray Cooling, Doctorial Dissertation - University of Kentucky, Lexington, Kentucky, 1989	

Examiner	 Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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